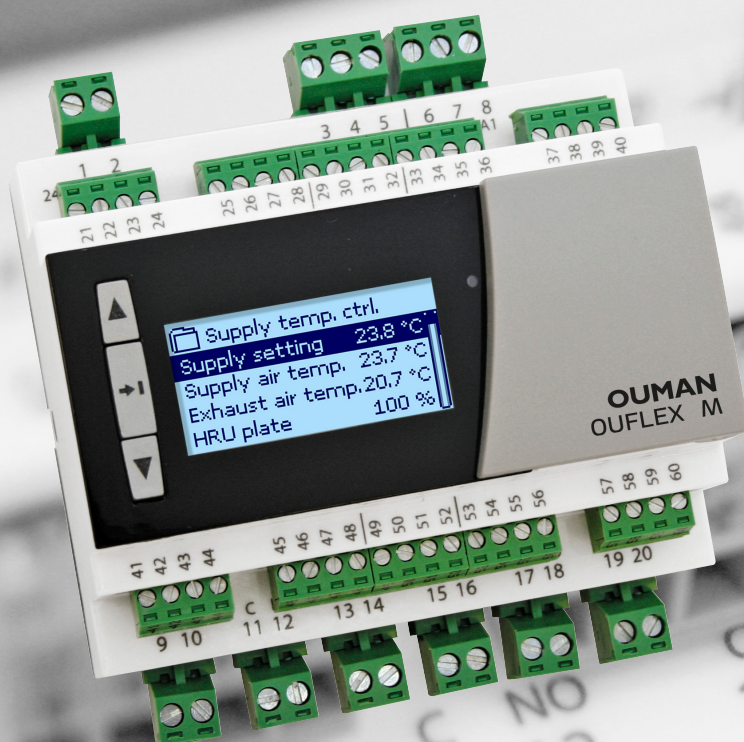


OUMAN OUFLEX M

Compact freely programmable automation unit

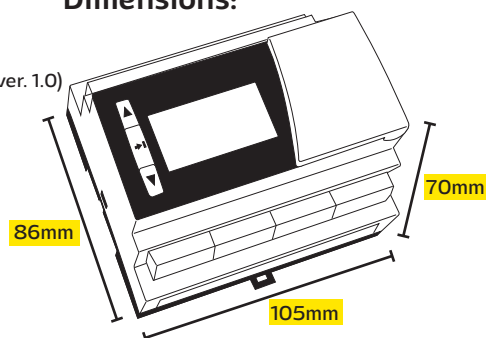


Application and user interface are freely programmable with Ouman's OuflexTool

Technical information

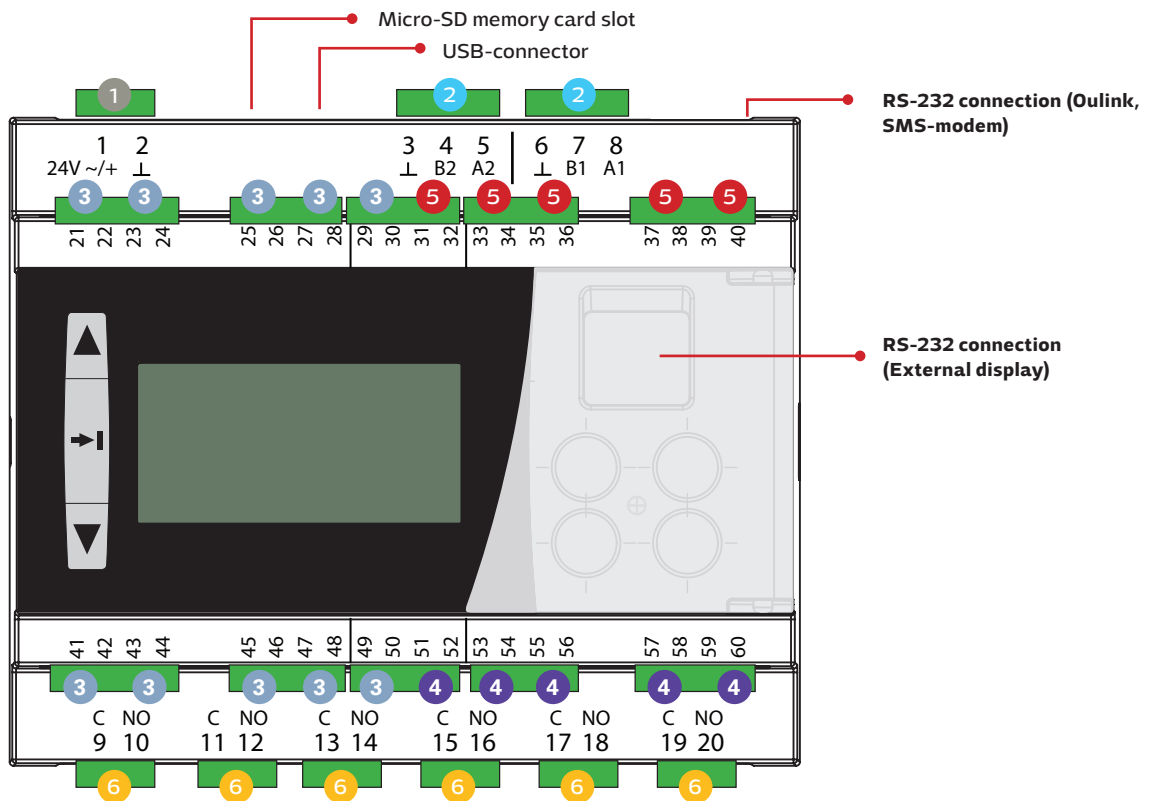
Universal measurements	15 pcs, of which
	- 15 pcs passive sensors (NTC10, Pt1000, Ni1000)
	- 5 pcs active sensors 0-10 V (M11...M15, from HW ver. 1.0)
	- 15 pcs digital inputs
Analogue outputs	4 pcs 0-10V
PWM output	1
Relay outputs	6 pcs NO, 230V 5A
RS-485 connections	2 pcs (Modbus RTU master or 1 RTU slave)
RS-232 connections	2 pcs (external display and GSM modem/ Oulink)
Graphic display	132x64 pixels, active area 40x18 mm
USB device	1
Ethernet 10/100Mbit TCP/IP connection (option)	yes, with Oulink
Operating voltage	24 VAC-33VAC (50-60 Hz) or 20 - 48VDC
Power requirement 24VAC	9 VA. With the optional accessories (Oulink /GSM and external display) 12VA
Power requirement 24VDC	4W. With the optional accessories (Oulink/GSM and external display) 6.5W
PWM output	max. 50mA
Freely programmable with Ouman's Ouflex tool	yes
Ouman ACCESS security solution (option)	yes, with Oulink
OPC-UA server (option, release 2017)	yes, with Oulink2

Dimensions:



DIN rail-mounted module casing, 6 modules.

Compact freely programmable automation unit



- 1** Detachable strip connectors (operation voltage).
Connector labels:

1 24V ~/+
2 GND

- 3** Detachable strip connectors (passive sensors and digital inputs).

21	M1
22	GND
23	M2
24	GND
25	M3
26	GND
27	M4
28	GND
29	M5
30	GND
41	M6
42	GND
43	M7
44	GND
45	M8
46	GND
47	M9
48	GND
49	M10
50	GND

- 2** Detachable strip connectors (RS-485-bus connectors).
Connector labels:

3	GND
4	RS-485-bus connection B2
5	RS-485-bus connection A2
6	GND
7	RS-485-bus connection B1
8	RS-485-bus connection A1

- 4** Detachable strip connectors (passive sensors, active sensors and digital inputs).

51	M11
52	GND
53	M12
54	GND
55	M13
56	GND
57	M14
58	GND
59	M15
60	GND

- 5** Detachable strip connectors (analog outputs and PWM).
Connector labels:

31	0...10 V output (Y4)
32	GND
33	0...10 V output (Y3)
34	GND
35	0...10 V output (Y2)
36	GND
37	0...10 V output (Y1)
38	GND
39	PWM (Work parallel with Y1)
40	GND

- 6** Detachable strip connectors (relays with normally open contact max 230 Vac, 5 A).
Connector labels:

9	Relay 1 C
10	Relay 1 NO
11	Relay 2 C
12	Relay 2 NO
13	Relay 3 C
14	Relay 3 NO
15	Relay 4 C
16	Relay 4 NO
17	Relay 5 C
18	Relay 5 NO
19	Relay 6 C
20	Relay 6 NO